Hits	Search Text	DB	Time stamp
40	(00/0		
40		•	2004/03/22
		US-PGPUB	10:51
16	1 - "	HCDAT.	2004/02/22
10	, ,	1	2004/03/22 10:52
127			2004/03/22
	,	,	10:48
		00-10108	10.40
	15/248.1 or 15/167.1).ccls.		
7059	a47f007/00.ipc.	USPAT;	2004/03/08
	-	US-PGPUB;	16:42
		EPO; JPO;	
		DERWENT	×-
441	a46b017/00.ipc.	USPAT;	2004/03/08
		US-PGPUB;	16:42
		EPO; JPO;	
		DERWENT	
358	a46b017/00.ipc. and (toothbrush or brush)	USPAT;	2004/03/08
			16:43
		, ,	
	401.047/00.1		
330	a46b017/08.ipc.	•	2004/03/08
		•	16:43
116	2/75007/00 inc. and (toothbrush or house)		2004/02/00
110	attiout/outipe, and (toothbrush of brush)		2004/03/08 16:43
		•	10:43
		•	
1	("4064996").PN.		2004/03/11
-		•	08:23
161	(metal near (hollow or tube or tubular))	USPAT;	2004/03/11
	same ((bore or hole or opening or aperture)	US-PGPUB;	08:24
	near (punch\$3 or drill\$3))	EPO; JPO;	
		DERWENT	
8013	(hole\$1 or bore\$1 or aperture\$1 or	USPAT;	2004/03/11
	opening\$1) near (collar\$1)	US-PGPUB;	08:39
		EPO; JPO;	
		DERWENT	
3	•	USPAT;	2004/03/11
		US-PGPUB;	08:25
4	777		
	Alle all lane 3 to 10 m	DERWENT	
27	1		
31	· ·	· ·	2004/03/11
		•	08:26
	and franks or hoses or holes of strast))	DERWENT	
	40 16 127 7059 441 358 330 116	40 (29/\$.ccls.) and (((punching or drilling) near metal) same (holes or bores or openings or apertures)) 16 (29/\$.ccls.) and ((method near (cabinet or framing or frame)) same metal) 127 @pd>20030901 and (248/110 or 248/152 or 248/176.1 or 248/351 or 248/357 or 248/309.1 or 248/312 or 248/37.3 or 248/37.6 or 248/688 or 211/60.1 or 211/65 or 211/68 or 211/69.1 or 211/70.7 or 211/70.1 or 15/248.1 or 15/167.1).ccls. a47f007/00.ipc. 441 a46b017/00.ipc. 442 a46b017/00.ipc. and (toothbrush or brush) 1 ("4064996").PN. 16 (metal near (hollow or tube or tubular)) same ((bore or hole or opening or aperture) near (punch\$3 or drill\$3)) 8013 (hole\$1 or bore\$1 or aperture\$1 or opening\$1) near (collar\$1) 3 ((metal near (hollow or tube or tubular)) same ((bore or hole or opening or aperture) near (punch\$3 or drill\$3))) and ((hole\$1 or bore\$1 or aperture\$1 or opening\$1) near (collar\$1)	40 (29/\$.ccls.) and (((punching or drilling) near metal) same (holes or bores or openings or apertures)) 16 (29/\$.ccls.) and ((method near (cabinet or framing or frame)) same metal) 127 @pd>20030901 and (248/140 or 248/152 or 248/176.1 or 248/351 or 248/37.3 or 248/37.6 or 248/688 or 211/60.1 or 211/70.1 or 15/248.1 or 15/167.1).ccls. 7059 44668 or 211/70.7 or 211/70.1 or 15/248.1 or 15/167.1).ccls. 441 a46b017/00.ipc. 442 a46b017/00.ipc. 358 a46b017/00.ipc. and (toothbrush or brush) 358 a46b017/00.ipc. and (toothbrush or brush) 441 a46b017/00.ipc. and (toothbrush or brush) 359 a46b017/00.ipc. and (toothbrush or brush) 441 a47f007/00.ipc. and (toothbrush or brush) 442 a47f007/00.ipc. and (toothbrush or brush) 444 a47f007/00.ipc. and (toothbrush or brush) 445 a47f007/00.ipc. and (toothbrush or brush) 446 a47f007/00.ipc. and (toothbrush or brush) 447 ("4064996").PN. 448 a47f007/00.ipc. and (toothbrush or brush) 449 a47f007/00.ipc. and (toothbrush or brush) 440 a47f007/00.ipc. and (toothbrush or brush) 440 a47f007/00.ipc. and (toothbrush or brush) 441 a47f007/00.ipc. and (toothbrush or brush) 442 a47f007/00.ipc. and (toothbrush or brush) 443 a46b017/00.ipc. 444 a46b017/00.ipc. and (toothbrush or brush) 445 a47f007/00.ipc. and (toothbrush or brush) 446 a47f007/00.ipc. and (toothbrush or brush) 447 a47f007/00.ipc. and (toothbrush or brush) 448 a48b017/00.ipc. 449 a49b017/00.ipc. 440 a49b017/00.ipc. 440 a46b017/00.ipc. 441 a46b017/00.ipc. 441 a46b017/00.ipc. 441 a46b017/00.ipc. 442 a46b017/00.ipc. 444 a46b017/00.ipc. 445 a47f007/00.ipc. 446b017/00.ipc. 446b017/00.ipc. 446b017/00.ipc. 447 a46b017/00.ipc. 448 a46b017/00.ipc. 449 a47f007/00.ipc. 440 a46b017/00.ipc. 440 a46b017/00.ipc. 441 a46b017/00.ipc. 445 a47f007/00.ipc. 446b017/00.ipc. 446b017/00.ipc. 446b017/00.ipc. 446b017/00.ipc. 447 a46b017/00.ipc. 448 a46b017/00.ipc. 449 a47f007/00.ipc. 449 a47f007/00.ipc. 440 a48b017/00.ipc. 440 a49b017/00.ipc. 440 a49b017/00.ipc. 440 a49b017/00.ipc. 440 a49b017/00.ipc

-	12	("1441394" "1656856" "1976019"	USPAT	2004/03/11
		"3082850" "3776652" "3999352"	00. A1	08:26
	·	"4021988" "4652169" "4982545"		55,25
		"5335411" "5520475" "5595453").PN.		
-	1	5839848.URPN.	USPAT	2004/03/11
			JO. A.	08:28
-	6441	(metal near frame) same (tubular or hollow	USPAT;	2004/03/11
		or post\$1 or pole\$1 or stud\$1 or member\$1	US-PGPUB;	08:31
	<u> </u>	or tube\$1)	EPO; JPO;	00.31
		,	DERWENT	
_	10	((hole\$1 or bore\$1 or aperture\$1 or	USPAT;	2004/03/11
		opening\$1) near (collar\$1)) and ((metal near	US-PGPUB;	08:32
	1	frame) same (tubular or hollow or post\$1 or	EPO; JPO;	00.02
		pole\$1 or stud\$1 or member\$1 or tube\$1))	DERWENT	
-	63	((metal near frame) same (tubular or hollow	USPAT;	2004/03/11
		or post\$1 or pole\$1 or stud\$1 or member\$1	US-PGPUB;	08:32
		or tube\$1)) and ((bore\$1 or hole\$1 or	EPO; JPO;	00.32
		opening\$1 or aperture\$1) near (boring or	DERWENT	
		drilling or punching))	DERWEIT	
_	3	(((metal near frame) same (tubular or	USPAT;	2004/03/11
		hollow or post\$1 or pole\$1 or stud\$1 or	US-PGPUB;	08:33
		member\$1 or tube\$1)) and ((bore\$1 or	EPO; JPO;	00.00
		hole\$1 or opening\$1 or aperture\$1) near	DERWENT	
		(boring or drilling or punching))) and		
		((hole\$1 or bore\$1 or opening\$1 or		
		aperture\$1) near (collar\$1 or flange\$1))		
-	60	(((metal near frame) same (tubular or	USPAT;	2004/03/11
		hollow or post\$1 or pole\$1 or stud\$1 or	US-PGPUB;	08:35
		member\$1 or tube\$1)) and ((bore\$1 or	EPO; JPO;	00.00
		hole\$1 or opening\$1 or aperture\$1) near	DERWENT	
		(boring or drilling or punching))) not		
		((((metal near frame) same (tubular or		
		hollow or post\$1 or pole\$1 or stud\$1 or		
		member\$1 or tube\$1)) and ((bore\$1 or		
		hole\$1 or opening\$1 or aperture\$1) near		
		(boring or drilling or punching))) and		
		((hole\$1 or bore\$1 or opening\$1 or		
		aperture\$1) near (collar\$1 or flange\$1)))		
-	235	((metal near frame) same (tubular or hollow	USPAT;	2004/03/11
		or post\$1 or pole\$1 or stud\$1 or member\$1	US-PGPUB;	08:35
		or tube\$1)) and cabinet	EPO; JPO;	
			DERWENT	
-	27	(((metal near frame) same (tubular or	USPAT;	2004/03/11
		hollow or post\$1 or pole\$1 or stud\$1 or	US-PGPUB;	08:38
		member\$1 or tube\$1)) and cabinet) and	EPO; JPO;	
		((rectangular or square) near (tube\$1 or	DERWENT	
		post\$1 or pole\$1 or stud\$1 or member\$1 or		į
		tubular))		
-	0	8970.URPN.	USPAT	2004/03/11
			7.70	08:37

• 3

-	980	metal near ((rectangular or rectangule or	USPAT;	2004/03/11
		square\$1) adj3 (post\$1 or pole\$1 or stud\$1	US-PGPUB;	08:39
		or member\$1 or tube\$1 or tubular\$1))	EPO; JPO;	
			DERWENT	
-	10816	((hole\$1 or bore\$1 or aperture\$1 or	USPAT;	2004/03/11
		opening\$1) near (collar\$1 or thread\$3 or	US-PGPUB;	08:40
		flange\$1 or shoulder\$1 or detent\$3)) and	EPO; JPO;	
		((hole\$1 or bore\$1 or aperture\$1 or	DERWENT	}
	1	opening\$1) near (punch\$3 or drill\$3))		
-	15	(metal near ((rectangular or rectangule or	USPAT;	2004/03/11
1		square\$1) adj3 (post\$1 or pole\$1 or stud\$1	US-PGPUB;	08:42
		or member\$1 or tube\$1 or tubular\$1))) and	EPO; JPO;	
		(((hole\$1 or bore\$1 or aperture\$1 or	DERWENT	
		opening\$1) near (collar\$1 or thread\$3 or		
	·	flange\$1 or shoulder\$1 or detent\$3)) and		
		((hole\$1 or bore\$1 or aperture\$1 or	ļ	ļ
		opening\$1) near (punch\$3 or drill\$3)))		
-	549	(metal near ((rectangular or rectangule or	USPAT;	2004/03/11
		square\$1) adj3 (post\$1 or pole\$1 or stud\$1	US-PGPUB;	08:42
		or member\$1 or tube\$1 or tubular\$1)))	EPO; JPO;	
		same (attach\$3 or mak\$3 or connect\$3 or	DERWENT	
		fram\$3 or method)		
-	36	((metal near ((rectangular or rectangule or	USPAT;	2004/03/11
		square\$1) adj3 (post\$1 or pole\$1 or stud\$1	US-PGPUB;	08:48
		or member\$1 or tube\$1 or tubular\$1)))	EPO; JPO;	00.40
*	ĺ	same (attach\$3 or mak\$3 or connect\$3 or	DERWENT	
		fram\$3 or method)) and ((hole\$1 or bore\$1		-
		or aperture\$1 or opening\$1) near (drill\$3 or		
		boring or punch\$3))		
_	24	("0957344" "1530675" "2548038"	USPAT	2004/03/11
•		"2630334" "2808676" "2842300"		08:43
	ļ	"3354573" "3553767" "3599277"		00.40
		"3623187" "3727723" "3854168"		
		"3894313" "4027357" "4338703"		
	1	"4407391" "4506411" "4595078"		
		"4705179" "4806063" "4903372"		
		"4977643" "5049110" "5236386").PN.		
-	9	("0957344" "1530675" "2842300"	USPAT	2004/03/11
		"3727723" "3854168" "4407391"		08:44
		"4506411" "4595078" "4903372").PN.		
-	9	("0568028" "2548038" "2808676"	USPAT	2004/03/11
		"2941767" "3354573" "3553767"		08:44
		"3599277" "3623187" "3628759").PN.		
-	20	3854168.URPN.	USPAT	2004/03/11
				08:44
-	18	5049110.URPN.	USPAT	2004/03/11
				08:45
-	2	6062974.URPN.	USPAT	2004/03/11
				08:46

	204	((1) 1.64 1.44	T	
] -	281	(((hole\$1 or bore\$1 or aperture\$1 or	USPAT;	2004/03/11
		opening\$1) near (collar\$1 or thread\$3 or	US-PGPUB;	08:49
		flange\$1 or shoulder\$1 or detent\$3)) and	EPO; JPO;	
]	((hole\$1 or bore\$1 or aperture\$1 or	DERWENT	
		opening\$1) near (punch\$3 or drill\$3))) and		
		(metal near (posts or poles or studs or		
		tubes or tubular or members))		
-	180	((((hole\$1 or bore\$1 or aperture\$1 or	USPAT;	2004/03/11
		opening\$1) near (collar\$1 or thread\$3 or	US-PGPUB;	08:54
		flange\$1 or shoulder\$1 or detent\$3)) and	EPO; JPO;	
		((hole\$1 or bore\$1 or aperture\$1 or	DERWENT	
		opening\$1) near (punch\$3 or drill\$3))) and	DERWENT	
	ļ			
		(metal near (posts or poles or studs or		
		tubes or tubular or members))) and		
		(punch\$3 or drilling or boring)		
-	24	(method adj2 (attaching or assembl\$3 or	USPAT;	2004/03/11
		securing or connecting or framing)) near	US-PGPUB;	09:00
		(metal adj3 (tubing or tubular or hollow or	EPO; JPO;	
		posts or poles or studs or members or	DERWENT	
		frames))		
-	215	(method adj2 (attaching or assembl\$3 or	USPAT;	2004/03/11
		securing or connecting or framing)) same	US-PGPUB;	09:00
		(metal adj3 (tubing or tubular or hollow or	EPO; JPO;	
		posts or poles or studs or members or	DERWENT	
		frames))	DERWENT	
_	3	((method adj2 (attaching or assembl\$3 or	HCDAT.	2004/02/44
			USPAT;	2004/03/11
		securing or connecting or framing)) same	US-PGPUB;	09:01
	-);-	(metal adj3 (tubing or tubular or hollow or	EPO; JPO;	
		posts or poles or studs or members or	DERWENT	
		frames))) and (((hole\$1 or bore\$1 or	}	
		aperture\$1 or opening\$1) near (collar\$1 or		
		thread\$3 or flange\$1 or shoulder\$1 or		
		detent\$3)) and ((hole\$1 or bore\$1 or		
		aperture\$1 or opening\$1) near (punch\$3 or		
		drill\$3)))		
-	7	(method near (securing or abutting or	USPAT	2004/03/11
		attaching or connecting or assembling))		09:03
	l	same ((tubular or hollow) near (posts or		
		poles or tubes or members or studs)) and		
		(metal near (tubes or posts or poles or		
		members or studs))		
_	57	(method near (securing or abutting or	USPAT	2004/02/44
	"		USPAI	2004/03/11
		attaching or connecting or assembling))		09:04
		and ((tubular or hollow) near (posts or poles		
		or tubes or members or studs)) and (metal		
		near (tubes or posts or poles or members or		
		studs))		

-	0	((method near (securing or abutting or	USPAT	2004/03/11
		attaching or connecting or assembling))		09:03
		and ((tubular or hollow) near (posts or poles		
İ		or tubes or members or studs)) and (metal		
		near (tubes or posts or poles or members or		
		studs))) and (((hole\$1 or bore\$1 or		
		aperture\$1 or opening\$1) near (collar\$1 or		
		thread\$3 or flange\$1 or shoulder\$1 or		
		detent\$3)) and ((hole\$1 or bore\$1 or		
		aperture\$1 or opening\$1) near (punch\$3 or		
1		drill\$3)))		
-	0	((method near (securing or abutting or	USPAT	2004/03/11
		attaching or connecting or assembling))		09:05
İ		and ((tubular or hollow) near (posts or poles		03.03
	Í	or tubes or members or studs)) and (metal		
		near (tubes or posts or poles or members or		
		studs))) and ((openings or bores or holes or		
		apertures) near (collar\$1 or flanges or		
		drilling or punching))		
_	589	(method near (securing or abutting or	USPAT	0004/00/44
		attaching or connecting or assembling))	USPAI	2004/03/11
		and (metal near (tubes or posts or poles or		09:04
		members or stude))		
_	27	((method near (securing or abutting or		
		attaching or connecting or assembling))	USPAT	2004/03/11
		and (metal near (tubes or posts or poles or		09:06
		members or stude))) and ((openings or		
		bores or holes or apertures) near (collar\$1		
		or flanges or drilling or punching))		
<u>-</u>	122	(method near (framing or punching))	LICDAT	0004/00/44
_	122	connecting or securing)) same cabinet	USPAT	2004/03/11
_	64			09:07
-]	((method near (framing or assembling or	USPAT	2004/03/11
	İ	connecting or securing)) same cabinet) and		09:09
		(tubes or studs or poles or posts or		
	0	members) and metal		
_	"	(method adj3 (attaching or securing or	USPAT;	2004/03/11
	}	connecting or assembling)) near (metal adj3	US-PGPUB;	09:11
		(posts or members or studs or tubes or	EPO; JPO;	
		poles)) and ((punching or drilling) near	DERWENT;	
		(holes or openings or apertures or bores))	IBM_TDB	
		and (collar\$1 near (holes or openings or		
į		bores or apertures))		
-	0	(method adj3 (attaching or securing or	USPAT;	2004/03/11
		connecting or assembling)) same (metal	US-PGPUB;	09:12
		adj3 (posts or members or studs or tubes or	EPO; JPO;]
		poles)) and ((punching or drilling) near	DERWENT;	Ì
		(holes or openings or apertures or bores))	IBM_TDB	
		and (collar\$1 near (holes or openings or		
		bores or apertures))		

-	0	(method adj3 (attaching or securing or	USPAT;	2004/03/11
[connecting or assembling)) and (metal adj3	US-PGPUB;	09:12
		(posts or members or studs or tubes or	EPO; JPO;	
		poles)) and ((punching or drilling) near	DERWENT;	
		(holes or openings or apertures or bores))	IBM_TDB	
		and (collar\$1 near (holes or openings or		
		bores or apertures))		
-	0	method and (metal adj3 (posts or members	USPAT;	2004/03/11
		or studs or tubes or poles)) and ((punching	US-PGPUB;	09:12
		or drilling) near (holes or openings or	EPO; JPO;	
		apertures or bores)) and (collar\$1 near	DERWENT;	
		(holes or openings or bores or apertures))	IBM_TDB	
-	2	method and (metal adj3 (posts or members	USPAT;	2004/03/11
		or studs or tubes or poles)) and ((punching	US-PGPUB;	09:13
		or drilling) same (holes or openings or	EPO; JPO;	
		apertures or bores)) and (collar\$1 near	DERWENT:	
	-	(holes or openings or bores or apertures))	IBM TDB	
-	5	(method adj2 (securing or mounting or	USPAT;	2004/03/11
		attaching or connecting or assembling))	US-PGPUB;	09:14
	ĺ	and (metal adj3 (posts or members or studs	EPO; JPO;	
		or tubes or poles)) and (collar\$1 near (holes	DERWENT;	
		or openings or bores or apertures))	IBM_TDB	
-	82	(method adj2 (securing or mounting or	USPAT;	2004/03/11
		attaching or connecting or assembling))	US-PGPUB;	09:19
ŀ		and (metal adj3 (posts or members or studs	EPO; JPO;	
		or tubes or poles)) and ((drilling or	DERWENT;	
		punching) near (holes or openings or bores	IBM_TDB	
		or apertures))	15155	
-	9	((method adj2 (securing or mounting or	USPAT;	2004/03/11
		attaching or connecting or assembling))	US-PGPUB:	09:20
		near (posts or members or studs or tubes or	EPO; JPO;	03.20
		poles)) and ((drilling or punching) near	DERWENT;	
		(holes or openings or bores or apertures))	IBM_TDB	
-	2293	(rectang\$5 near (section or beam or stud or	USPAT;	2004/03/21
1		channel or member)) near (tubular or hollow	US-PGPUB;	14:10
		or tube)	EPO; JPO;	14:10
		,	DERWENT;	
			IBM_TDB	
-	91	((rectang\$5 near (section or beam or stud	USPAT;	2004/03/21
		or channel or member)) near (tubular or	US-PGPUB;	14:10
]	hollow or tube)) and (punching or drilling)	EPO; JPO;	17610
		(panoming of diffing)	DERWENT;	1
			IBM_TDB	
	15710	(holes or openings or apertures or slots)	USPAT;	2004/02/24
		near (punching or drilling)	US-PGPUB;	2004/03/21
				14:10
			EPO; JPO;	
			DERWENT;	
_	15	(((rectang\$5 near (section or beam or stud	IBM_TDB	2004/02/04
		or channel or member)) near (tubular or	USPAT;	2004/03/21
		hollow or tube)) and (punching or drilling))	US-PGPUB;	14:11
		and ((holes or openings or apertures or	EPO; JPO;	
		slots) near (punching or drilling))	DERWENT;	
		oraco, near (punching or arming))	IBM_TDB	

3

-	278	(method near (making or assembling or	USPAT;	2004/03/21
		attaching or connecting or securing)) same	US-PGPUB;	14:13
		((supports or beams or members or posts or	EPO; JPO;	-8
		poles or standards or studs) near (tubular or	DERWENT;	
1		tubed or hollow))	IBM_TDB	
-	14	((method near (making or assembling or	USPAT;	2004/03/21
		attaching or connecting or securing)) same	US-PGPUB;	14:16
		((supports or beams or members or posts or	EPO; JPO;	
		poles or standards or studs) near (tubular or	DERWENT;	
		tubed or hollow))) and ((holes or openings	IBM_TDB	
	İ	or apertures or slots) near (punching or	12122	
		drilling))		
-	57	((method near (making or assembling or	USPAT;	2004/03/21
İ		attaching or connecting or securing)) same	US-PGPUB;	14:19
		((supports or beams or members or posts or	EPO; JPO;	14:15
		poles or standards or studs) near (tubular or	DERWENT;	ļ.
		tubed or hollow))) and 29/\$.ccls.	IBM_TDB	
_	13	("1911653" "2507859" "3535909"	USPAT	2004/00/04
ł		"4384840" "4449281" "4590655"	USPAI	2004/03/21
		"4676088" "4840053" "4875270"		14:17
ĺ	ĺ			
		"5419171" "5435163" "5485737" "5975405").PN.		
_	7			
_		2507859.URPN.	USPAT	2004/03/21
		4044050 11771		14:17
-	2	1911653.URPN.	USPAT	2004/03/21
				14:18
-	1	("4036514").PN.	USPAT;	2004/03/21
			US-PGPUB	14:21
-	9	("2706134" "2966373" "2994933"	USPAT	2004/03/21
		"3050786" "3320106" "3382121"		14:19
		"3406988" "3526683" "3758916").PN.		
-	7	4036514.URPN.	USPAT	2004/03/21
	}			14:20
-	7	("2736949" "3406988" "3953059"	USPAT	2004/03/21
		"3972548" "3982564" "3982777"		14:20
	}	"4036514").PN.		
-	26	((method near (making or assembling or	USPAT;	2004/03/21
	1	attaching or connecting or securing)) same	US-PGPUB	14:28
		((supports or beams or members or posts or		
	1	poles or standards or studs) near (tubular or		
		tubed or hollow))) and 403/\$.ccis.		
-	7	(("0197667") or ("1455440") or ("1850803")	USPAT;	2004/03/21
		or ("1892712") or ("2065915") or	US-PGPUB	14:30
		("2290965") or ("2292799")).PN.	22.0.00	- 1100
•	3	2065915.URPN.	USPAT	2004/03/21
				14:29
-	15	((punching or drilling) near (holes or	USPAT;	2004/03/21
		openings or apertures or slots or bores))	US-PGPUB	2004/03/21 14:31
	[same (metal near (tubes or members or	US-FUPUB	14:31
		studs or beams or channels or rails))	İ	
		or addition of channels of falls))		

-	7	((punching or drilling) near (holes or	USPAT;	2004/03/21
		openings or apertures or slots or bores))	US-PGPUB	14:32
		same (metal near (frames or framing or		
		frame))		

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